

What Is Claimed Is:

1. A keyless entry system for a motor vehicle, comprising:
a device for unlocking at least one locked door of the vehicle in response to manipulation of an electronic door opener, the device having at least one input element accessible from outside of the vehicle, wherein the door may be unlocked by inputting a code at the input element, the code including a sequence of digital or quasi-digital signals, the signals being generated by alternately manipulating or not manipulating the input element.
2. The keyless entry system as recited in claim 1, wherein the code may be changed.
3. The keyless entry system as recited in claim 1, wherein the vehicle may be started only after the code is input at the input element.
4. The keyless entry system as recited in claim 3, wherein it is possible to start the vehicle only during a predefined, limited time span after the code is input.
5. The keyless entry system as recited in claim 1, wherein the input element is configured to differentiate between two input states and to transmit a digital, high-level or low-level voltage signal to the device for unlocking the vehicle door as a function of the input states.
6. The keyless entry system as recited in claim 1, further comprising:
at least one of an optical and an acoustic indicator configured to indicate at least one of: i) an operating state of the system, ii) a beginning or an end of a maximum available time span for inputting the code, and iii) an ensuing unlocking of the door after the code is input.
7. The keyless entry system as recited in claim 6, wherein the at least one of the optical and acoustic indicator is configured to intermittently provide an indication, an indicating frequency of the indication changing as a function of an operating state of

the system.

8. The keyless entry system as recited in claim 6, wherein the at least one of the optical and acoustic indicator is configured to intermittently provide an indication, an indicating frequency of the indication showing a user a frequency for inputting the signals of the code.

9. The keyless entry system as recited in claim 6, wherein the indicator is a flashing light source.

10. The keyless entry system as recited in claim 9, wherein the light source is a light-emitting diode installed on or near a door button of a door of the vehicle.

11. The keyless entry system as recited in claim 1, wherein, after an incorrect code is input several times within a predefined period of time, the locked vehicle door may be opened only by manipulating a functioning electronic door opener.

12. The keyless entry system as recited in claim 11, further comprising:
a fault storage device, wherein, in response to the vehicle door being opened by the functioning electronic door opener, the fault storage device is reset for opening the locked vehicle door.

13. The keyless entry system as recited in claim 1, wherein the input element is one of a tactile switch or a proximity switch.

14. The keyless entry system as recited in claim 1, wherein the input element is situated on a door handle of a door of the vehicle.

15. A motor vehicle, comprising:
a keyless entry system including a device for unlocking at least one locked door of the vehicle in response to manipulation of an electronic door opener, the device having at least one input element accessible from outside

of the vehicle, wherein the door may be unlocked by inputting a code at the input element, the code including a sequence of digital or quasi-digital signals, which are generated by alternately manipulating or not manipulating the input element.